

Alex Walker

Profile & Accomplishments

Professional

- More than 15 years hands-on design and project management experience delivering successful consumer and industrial products & custom environments.
- Collaborates with critical thinking that provides both unique concepts for projects on deck and strategies and insights to help capitalize on new opportunities and untapped markets.
- Builds personal rapport with clients, customers, managers, employees, subcontractors, and suppliers to ensure projects materialize on time and in budget.
- Directed projects with budgets of +/- \$500K from cradle through to production.
- Expert Solidworks user in advanced surface & solid modelling, large assemblies, multiple configurations, GD&T drafting and rendering using complementary plugins.
- Bilingual in English and French

Personal

- Bicycled solo across Canada in 2007, much of western Europe in 2009, and throughout BC in 2014 and 2015.

Relevant Work Experience

Industrial Designer (Freelance)

Ongoing - June 2015

Various Clients, Canada

- design and develop products, services, and strategy relating to brand, identity, and customer experience for clients in various markets including: Mighty Riders Bicycles Ltd., Pratt Road Farm, and others (undisclosed due to NDA).

Industrial Designer

Contract April May 2015

Bionc Power Inc., Vancouver, BC

- researched and authored sizing investigation technical document that synthesised BP's work-to-date with client supplied human factors, ergonomic, statistical and 3D body scan data to meet milestone and unlock nearly \$200K USD of further R&D funding.

Industrial Designer

June 2011 - July 2014

Lucid Management Group Inc., Vancouver, BC

- designed and managed fabrication of transit shelter & street furniture programs & custom signage liaising with clients and suppliers.
- conceived and implemented part naming convention to track and manage all new part, assembly, and product CAD files and ensure revision tracking.

Industrial Designer

Contract Jan. - June 2011

Recon Instruments Inc., Vancouver, BC

- designed GPS-enabled goggles with a head-mounted display system and related accessories and charged with development of new applications for head mounted display technology.

Industrial Designer (Freelance)

Contracts 2009 - 2010

MAKE Product Design., Montréal, Qc

- translated and refined CAD models and assemblies of high precision injection moulded medical research components and produced supporting technical documentation in Solid Edge to assist the client Qiagen's, a leading international biotech firm, migration from Solidworks.

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Industrial Designer**Mar. 2008 - Dec. 2008**

Aquam Aquatic Specialist Inc., Montréal, Qc.

- lead 2 person design team:
 - developing new pool toys and accessories.
 - managing design and fabrication processes for: custom diving towers, pool slides, and textile and foam products liaising with production staff and external vendors.
- strategized and defined brand and corporate design goals.

Industrial Designer & Design Strategist**2006 - 2007**

Whitewater West Industries Ltd., Richmond, BC.

- spearheaded development and introduction of an 5 person internal cross-disciplinary new ride, new product, and product improvement design team.
- lead 2 person ID team developing design briefs and managing design process.
- designed RTM composite waterslide components, custom fabricated steel interactive play components, and mixed material themed environments.
- produced documentation to support SR&ED claims specific to new slide components.

Industrial Designer**2003 - 2005**

Koala Playgroup Canada/Delta Play Co., Richmond/Delta, BC.

projects worked on included:

- Design of a new line of 11 plastic panel and tubular metal vehicular play elements
- Multiple mixed material themed elements: structural and aesthetic design
- Current mixed material play equipment redesign & detailing

Industrial/Exhibit Designer**1998 - 2001**

Race Face Performance Products Inc., Vancouver, BC

projects worked on included:

- Textile and moulded plastic body armour program for mountain bikers
- Mixed material Interbike tradeshow booth 1999, 2000, 2001
- Dual density moulded elastomer handlebar grips
- Mixed material slotwall Point Of Sale merchandising system

Industrial Designer (Freelance)**Dec. 1999 - May 2000**

Journey Unlimited Equipment Inc., Vancouver, BC

projects worked on included:

- A collection of textile and moulded foam and plastic backpacks and carry bags
- Defining product trends and forecasting for future collections and products
- Brand/image consulting

Education & Professional Development**Venture Entrepreneur Program****British Columbia Institute of Technology., Vancouver, BC****2006****Bachelor of Industrial Design****Emily Carr University of Art & Design, Vancouver, BC****1994 - 1998****Computer Skills**

Expertise on both Mac & PC platforms using the following programs:

(years of experience)

Solidworks (17 years)	AutoCAD (8 years)	Adobe CS/CC (17 years)
EPDM Works (6 years)	Solid Edge (1 year)	KeyShot (2 years)

various office, administrative, and planning programs

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Memberships & Certifications

Professional Member, British Columbia Industrial Design Association

Professional Member, Association of Canadian Industrial Designers